

Table ENG-5. - Sanitary Facilities

McDowell County, West Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

| Map Symbol and Soil Name | Pct of Map Unit | Septic Tank Absorption Fields | | Sewage Lagoons | |
|-----------------------------|--------------------------|--|----------------------|---|----------------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 05: Yeager | 100 | Very limited Flooding Filtering capacity Depth to saturated zone | 1.00 1.00 0.40 | Very limited Flooding Seepage | 1.00 1.00 |
| Holly | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 08: Yeager | 100 | Very limited Flooding Filtering capacity Depth to saturated zone | 1.00 1.00 0.40 | Very limited Flooding Seepage | 1.00 1.00 |
| Holly | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 09: Chavies | 95 | Somewhat limited Flooding | 0.40 | Very limited Seepage Flooding | 1.00 0.40 |
| Holly | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 20E: Pineville | 60 | Very limited Slope Restricted | 1.00 0.50 | Very limited Slope Seepage | 1.00 1.00 |
| Lily | 25 | Very limited Depth to bedrock Slope | 1.00 1.00 | Very limited Depth to hard Slope Seepage | 1.00 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 30C: Lily | 100 | Very limited Depth to bedrock Slope | 1.00 0.04 | Very limited Depth to hard Seepage Slope | 1.00 1.00 1.00 |
| 30E: | | | | | |

Table ENG-5. - Sanitary Facilities - Continued

McDowell County, West Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Septic Tank Absorption Fields | | Sewage Lagoons | |
|-----------------------------|--------------------------|---|----------------------|---|----------------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 30E: Gilpin | 40 | Very limited Depth to bedrock Slope | 1.00 1.00 | Very limited Depth to soft Slope Seepage | 1.00 1.00 0.50 |
| Lily | 40 | Very limited Depth to bedrock Slope | 1.00 1.00 | Very limited Depth to hard Slope Seepage | 1.00 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 31E: Gilpin | 40 | Very limited Depth to bedrock Slope | 1.00 1.00 | Very limited Depth to soft Slope Seepage | 1.00 1.00 0.50 |
| Lily | 40 | Very limited Depth to bedrock Slope | 1.00 1.00 | Very limited Depth to hard Slope Seepage | 1.00 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 39F: Pineville | 40 | Very limited Slope Restricted | 1.00 0.50 | Very limited Slope Seepage | 1.00 1.00 |
| Berks | 35 | Very limited Depth to bedrock Slope Filtering capacity | 1.00 1.00 1.00 | Very limited Depth to soft Slope Seepage | 1.00 1.00 1.00 |
| Other Soils | 25 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 41F: Pineville | 40 | Very limited Slope Restricted | 1.00 0.50 | Very limited Slope Seepage | 1.00 1.00 |
| Berks | 35 | Very limited Depth to bedrock Slope Filtering capacity | 1.00 1.00 1.00 | Very limited Depth to soft Slope Seepage | 1.00 1.00 1.00 |

Table ENG-5. - Sanitary Facilities - Continued

McDowell County, West Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Septic Tank Absorption Fields | | Sewage Lagoons | |
|-----------------------------|--------------------------|---|----------------------|---|----------------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 41F: Other Soils | 25 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 49F: Berks | 50 | Very limited Depth to bedrock Slope Filtering capacity | 1.00 1.00 1.00 | Very limited Depth to soft Slope Seepage | 1.00 1.00 1.00 |
| Rock Outcrop | 30 | Not Rated | | Not Rated | |
| 50: Urban Land | 45 | Not Rated | | Not Rated | |
| Chavies | 30 | Somewhat limited Flooding | 0.40 | Very limited Seepage Flooding | 1.00 0.40 |
| Other Soils | 10 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| Holly | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 70B: Cedarcreek | 100 | Somewhat limited Slope | 0.04 | Very limited Slope Seepage | 1.00 1.00 |
| Wet Minesoil | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 70F: Cedarcreek | 65 | Very limited Slope | 1.00 | Very limited Slope Seepage | 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| Rock Outcrop | 15 | Not Rated | | Not Rated | |
| 71B: Kaymine | 100 | Somewhat limited Slope | 0.04 | Very limited Slope Seepage | 1.00 1.00 |
| Wet Minesoil | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 71F: | | | | | |

Table ENG-5. - Sanitary Facilities - Continued

McDowell County, West Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Septic Tank Absorption Fields | | Sewage Lagoons | |
|-----------------------------|--------------------------|---|----------------------|---|----------------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 71F: Kaymine | 65 | Very limited Slope | 1.00 | Very limited Slope Seepage | 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| Rock Outcrop | 15 | Not Rated | | Not Rated | |
| 72B: Itmann | 100 | Very limited Filtering capacity Slope | 1.00 1.00 | Very limited Seepage Slope | 1.00 1.00 |
| 72F: Itmann | 100 | Very limited Filtering capacity Slope | 1.00 1.00 | Very limited Seepage Slope | 1.00 1.00 |
| 73B: Itmann | 100 | Very limited Filtering capacity Slope | 1.00 1.00 | Very limited Seepage Slope | 1.00 1.00 |
| 73F: Itmann | 100 | Very limited Filtering capacity Slope | 1.00 1.00 | Very limited Seepage Slope | 1.00 1.00 |
| 74F: Kaymine | 35 | Very limited Slope | 1.00 | Very limited Slope Seepage | 1.00 1.00 |
| Cedarcreek | 25 | Very limited Slope | 1.00 | Very limited Slope Seepage | 1.00 1.00 |
| Dekalb | 20 | Very limited Depth to bedrock Slope Filtering capacity | 1.00 1.00 1.00 | Very limited Depth to hard Slope Seepage | 1.00 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 75B: Kaymine | 35 | Very limited Slope | 1.00 | Very limited Slope Seepage | 1.00 1.00 |

Table ENG-5. - Sanitary Facilities - Continued

McDowell County, West Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Septic Tank Absorption Fields | | Sewage Lagoons | |
|-----------------------------|--------------------------|---|----------------------|--|----------------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| 75B: Cedarcreek | 25 | Very limited Slope | 1.00 | Very limited Slope Seepage | 1.00 1.00 |
| Dekalb | 20 | Very limited Depth to bedrock Slope Filtering capacity | 1.00 1.00 1.00 | Very limited Depth to hard Slope Seepage | 1.00 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 75F: Kaymine | 65 | Very limited Slope | 1.00 | Very limited Slope Seepage | 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| Rock Outcrop | 15 | Not Rated | | Not Rated | |
| 76B: Sewell | 100 | Very limited Filtering capacity Slope | 1.00 0.04 | Very limited Seepage Slope Content of large stones | 1.00 1.00 0.44 |
| Wet Minesoil | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| 76F: Sewell | 65 | Very limited Slope Filtering capacity | 1.00 1.00 | Very limited Slope Seepage Content of large stones | 1.00 1.00 0.44 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| Rock Outcrop | 15 | Not Rated | | Not Rated | |
| 80: Udorthents | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| BrF: | | | | | |

Table ENG-5. - Sanitary Facilities - Continued

McDowell County, West Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Septic Tank Absorption Fields | | Sewage Lagoons | |
|-----------------------------|--------------------------|---|----------------------|---|----------------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| BrF: Berks | 50 | Very limited Depth to bedrock Slope Filtering capacity | 1.00 1.00 1.00 | Very limited Depth to soft Slope Seepage | 1.00 1.00 1.00 |
| Rock Outcrop | 30 | Not Rated | | Not Rated | |
| CeB: Cedarcreek | 100 | Somewhat limited Slope | 0.04 | Very limited Slope Seepage | 1.00 1.00 |
| Wet Minesoil | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| CrF: Cedarcreek | 65 | Very limited Slope | 1.00 | Very limited Slope Seepage | 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| Rock Outcrop | 15 | Not Rated | | Not Rated | |
| Cv: Chavies | 95 | Somewhat limited Flooding | 0.40 | Very limited Seepage Flooding | 1.00 0.40 |
| Holly | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| GIE: Gilpin | 40 | Very limited Depth to bedrock Slope | 1.00 1.00 | Very limited Depth to soft Slope Seepage | 1.00 1.00 0.50 |
| Lily | 40 | Very limited Depth to bedrock Slope | 1.00 1.00 | Very limited Depth to hard Slope Seepage | 1.00 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| ItF: | | | | | |

Table ENG-5. - Sanitary Facilities - Continued

McDowell County, West Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Septic Tank Absorption Fields | | Sewage Lagoons | |
|-----------------------------|--------------------------|---|----------------------|---|----------------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| ItF: Itmann | 100 | Very limited Filtering capacity Slope | 1.00 1.00 | Very limited Seepage Slope | 1.00 1.00 |
| KaB: Kaymine | 100 | Somewhat limited Slope | 0.04 | Very limited Slope Seepage | 1.00 1.00 |
| Wet Minesoil | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| KcF: Kaymine | 35 | Very limited Slope | 1.00 | Very limited Slope Seepage | 1.00 1.00 |
| Cedarcreek | 25 | Very limited Slope | 1.00 | Very limited Slope Seepage | 1.00 1.00 |
| Dekalb | 20 | Very limited Depth to bedrock Slope Filtering capacity | 1.00 1.00 1.00 | Very limited Depth to hard Slope Seepage | 1.00 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| KrF: Kaymine | 65 | Very limited Slope | 1.00 | Very limited Slope Seepage | 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| Rock Outcrop | 15 | Not Rated | | Not Rated | |
| LIC: Lily | 100 | Very limited Depth to bedrock Slope | 1.00 0.04 | Very limited Depth to hard Seepage Slope | 1.00 1.00 1.00 |
| PBF: Pineville | 40 | Very limited Slope Restricted | 1.00 0.50 | Very limited Slope Seepage | 1.00 1.00 |

Table ENG-5. - Sanitary Facilities - Continued

McDowell County, West Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Septic Tank Absorption Fields | | Sewage Lagoons | |
|-----------------------------|--------------------------|---|----------------------|--|----------------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| PBF: Berks | 35 | Very limited Depth to bedrock Slope Filtering capacity | 1.00 1.00 1.00 | Very limited Depth to soft Slope Seepage | 1.00 1.00 1.00 |
| Other Soils | 25 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| PIE: Pineville | 60 | Very limited Slope Restricted | 1.00 0.50 | Very limited Slope Seepage | 1.00 1.00 |
| Lily | 25 | Very limited Depth to bedrock Slope | 1.00 1.00 | Very limited Depth to hard Slope Seepage | 1.00 1.00 1.00 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| SeB: Sewell | 100 | Very limited Filtering capacity Slope | 1.00 0.04 | Very limited Seepage Slope Content of large stones | 1.00 1.00 0.44 |
| Wet Minesoil | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| SrF: Sewell | 65 | Very limited Slope Filtering capacity | 1.00 1.00 | Very limited Slope Seepage Content of large stones | 1.00 1.00 0.44 |
| Other Soils | 20 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| Rock Outcrop | 15 | Not Rated | | Not Rated | |
| Ud: Udorthents | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| Ur: Urban Land | 45 | Not Rated | | Not Rated | |

Table ENG-5. - Sanitary Facilities - Continued

McDowell County, West Virginia

| Map Symbol and Soil Name | Pct of Map Unit | Septic Tank Absorption Fields | | Sewage Lagoons | |
|-----------------------------|--------------------------|--|----------------------|---------------------------------------|--------------|
| | | Rating Class and Limiting Features | Value | Rating Class and Limiting Features | Value |
| Ur: Chavies | 30 | Somewhat limited Flooding | 0.40 | Very limited Seepage Flooding | 1.00 0.40 |
| Other Soils | 10 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| Holly | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |
| W: Water | 100 | Not Rated | | Not Rated | |
| Ye: Yeager | 100 | Very limited Flooding Filtering capacity Depth to saturated zone | 1.00 1.00 0.40 | Very limited Flooding Seepage | 1.00 1.00 |
| Holly | 5 | Very limited Slope | 1.00 | Very limited Slope | 1.00 |